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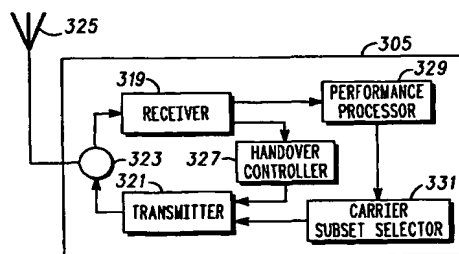
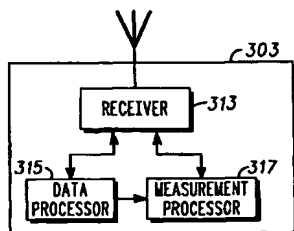
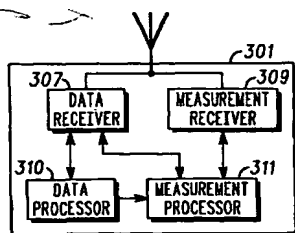
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(54) Title: A METHOD AND APPARATUS FOR SELECTING CARRIERS

(57) Abstract: This invention relates to a method and apparatus for selecting carriers to be measured by a subscriber unit (301, 303, 501). The subscriber unit (301, 303, 501) is served by a communication system and is operable to measure carriers in a frequency band, which typically belongs to a different communication system. The apparatus comprises a performance processor (329) for determining a measuring performance characteristic of the subscriber unit (301, 303, 501) related to the measurement performance of the subscriber unit (301, 303, 501) when measuring in the frequency band. The apparatus furthermore comprises a carrier subset selector (331) for selecting a subset of carriers in the frequency band to be measured by the subscriber unit. The subset of carriers is selected dependent on the measuring performance characteristic. The invention is applicable to dual 2nd and 3rd generation cellular communication systems such as GSM/UMTS.